# Peak District National Park

Forecast valid from 00:00 on Monday 23 May 2022 until 23:59 on Tuesday 24 May 2022

Forecast Issued on Sunday 22 May 2022 at 14:50

**Confidence:** High for overall story and the move to changeable conditions into the new week. Lower for details and timing of precipitation throughout.

**Headline for Monday 23 May 2022:** Mostly fine this morning, afternoon showers becoming more frequent by evening.

**Mountain weather hazards on Monday 23 May 2022**

**Blizzards**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Low Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
Low Likelihood

**Strong sunlight**
Medium Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Cloudy | Dull | Dull | Cloudy | Sunny intervals | Light rain showers | Heavy Rain | Light rain |
| Precipitation probability | | | | | | | |
| 10% | 10% | 10% | 20% | 20% | 40% | 70% | 70% |

**Forecast for Monday 23 May 2022**

**Weather:** Dry with clear spells initially overnight, but becoming mostly cloudy by dawn. Any early low cloud soon lifting and breaking to leave a dry, bright morning. Cloud building with scattered showers likely to develop through the late afternoon, these could locally be heavy. More generally cloudy by the evening, the showers may merge to a longer spell or rain for a time. Winds generally light throughout.

**Chance of cloud-free hill tops above 600m:** 60% in the west, 80% in the east overnight and early morning. Becoming greater than 95% from mid-morning, then 60% from early evening.

**Low cloud and visibility:** Patches of low cloud may develop overnight around 500m, covering higher slopes in the western Peaks before soon lifting clear in the early morning. Cloud perhaps lowering to cover summits in and around heavier showers, with patches down to lower slopes, more generally during the evening. Visibility outside of cloud generally very good, but falling to moderate in showers.

**Forecast for Monday 23 May 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 14/20 SW | 12/17 SW | 11/15 SW | 12/17 W | 10/13 W | 10/15 W | 10/14 W | 9/15 W | 11/16 W |
| **300** | 11/17 SW | 9/15 SW | 8/12 SW | 8/11 W | 9/13 W | 7/11 W | 8/13 W | 7/13 NW | 8/14 W |
| **Valley** | 6/15 SW | 5/13 SW | 5/9 SW | 6/12 W | 6/12 W | 7/11 W | 6/12 W | 7/14 NW | 6/13 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 8/4 | 7/4 | 7/4 | 8/5 | 9/6 | 9/6 | 8/5 | 7/4 | 6/3 |
| **300** | 10/8 | 9/7 | 9/7 | 10/9 | 12/10 | 11/10 | 10/8 | 9/7 | 8/6 |
| **Valley** | 10/9 | 10/8 | 10/9 | 12/10 | 12/11 | 12/11 | 11/10 | 10/8 | 9/7 |
| **Freezing Level*** | 1900m | 1700m | 1600m | 1600m | 1600m | 1600m | 1600m | 1500m | 1500m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Sun protection is recommended as strong UV levels are expected during sunnier periods this afternoon. Be prepared for any afternoon and evening showers by packing waterproofs.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Sun 22 May 2022 | 0mm | 2mm | 2mm |

**Forecast for Tuesday 24 May 2022**

**Weather:** Intermittent spells of rain or showers overnight, then becoming breezy through the morning with a few heavier bursts of rain possible. Drier and brighter by the afternoon, though scattered showers expected, perhaps heavy with a risk of thunder. Showers easing through the evening and winds easing.

**Maximum wind:** Westerly 20 mph, gust 30-35 mph.

**Chance of cloud-free hill tops above 600m:** 80% increasing to 90% by the afternoon.

**Low cloud and visibility:** Patches of cloud to 400-500m overnight and early morning. Cloud generally lifting well above summits by the afternoon, though scraps of cloud possible to around 600m in any heavier showers that develop.

**Temperature:** **Valleys:** Plus 9 Celsius increasing Plus 15 Celsius.
**At 600m:** Plus 6 Celsius increasing Plus 10 Celsius.
**Freezing level:** Above the summits.